

APPROVED	O.G. FIG. 1000	
BY	CLASS	SUBCLASS
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6355245

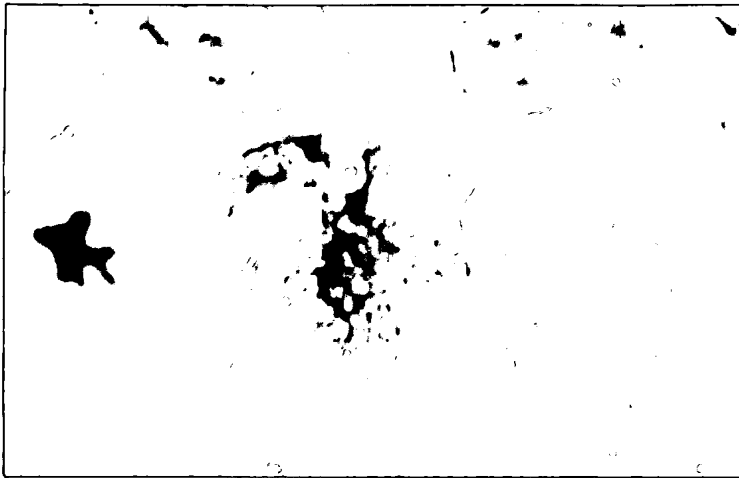


FIG. 1A

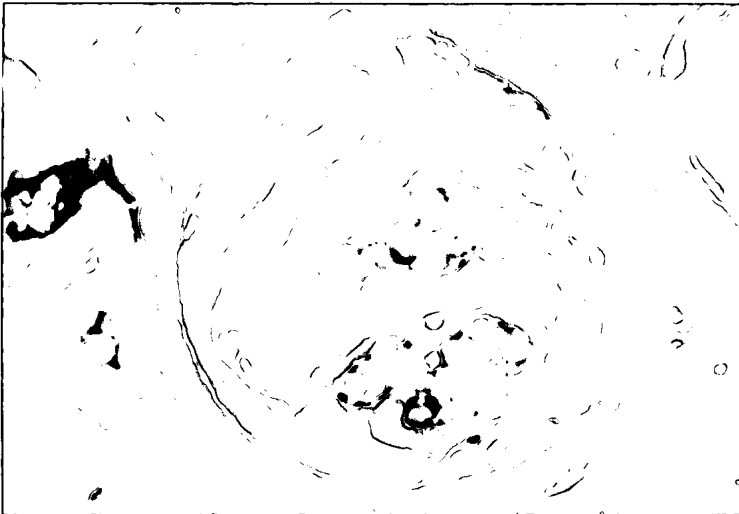


FIG. 1B

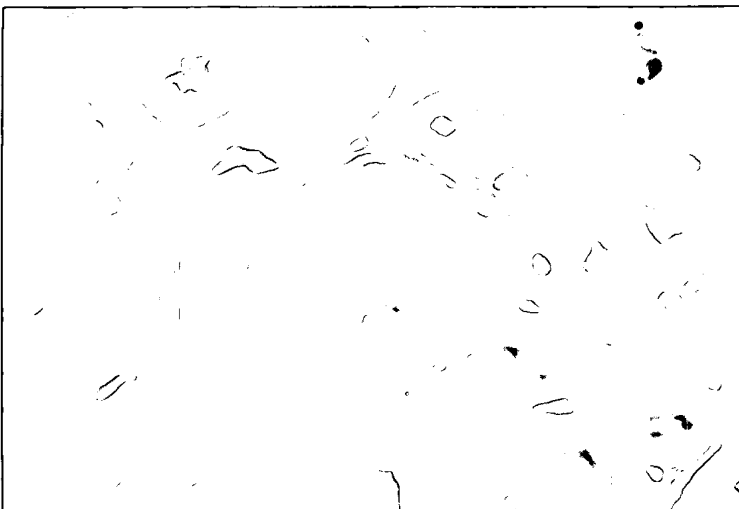


FIG. 1C

APPROVED	O.G. FIG.	
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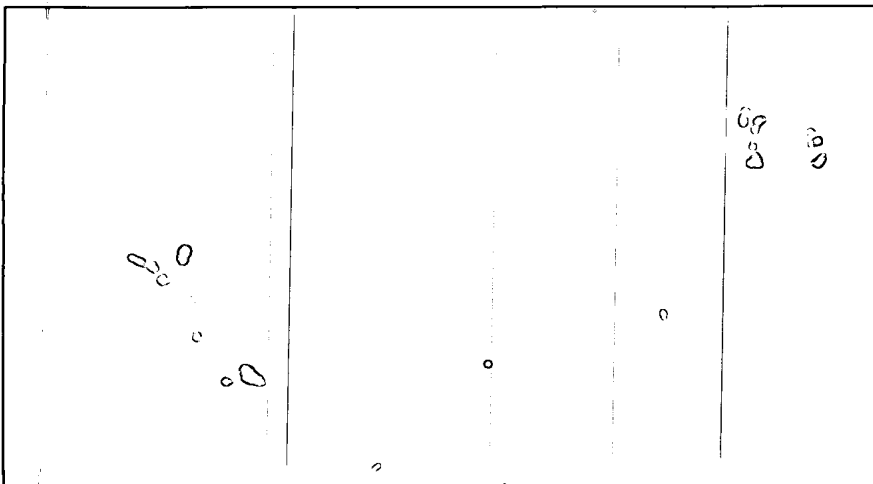


FIG. 2A

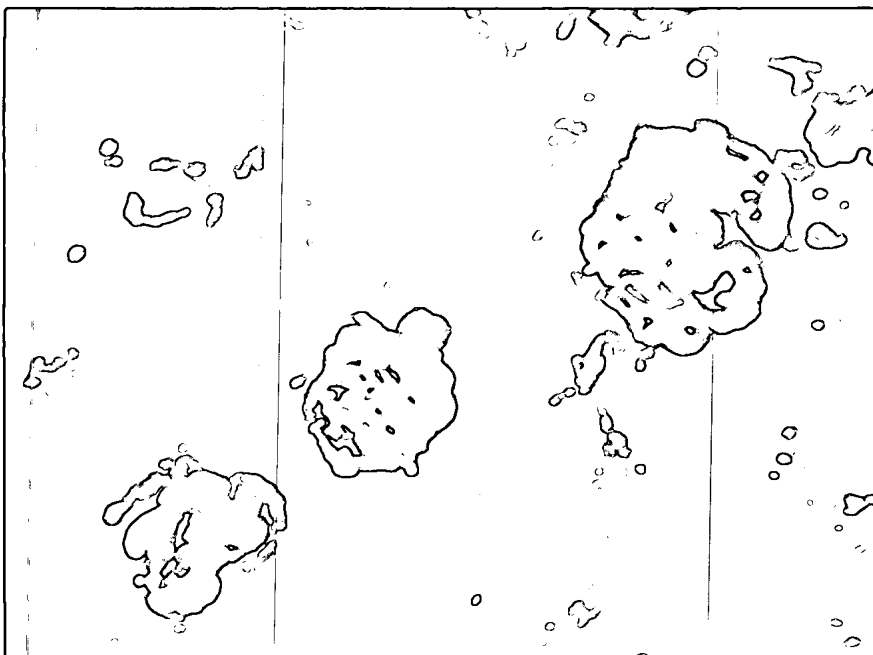


FIG. 2B

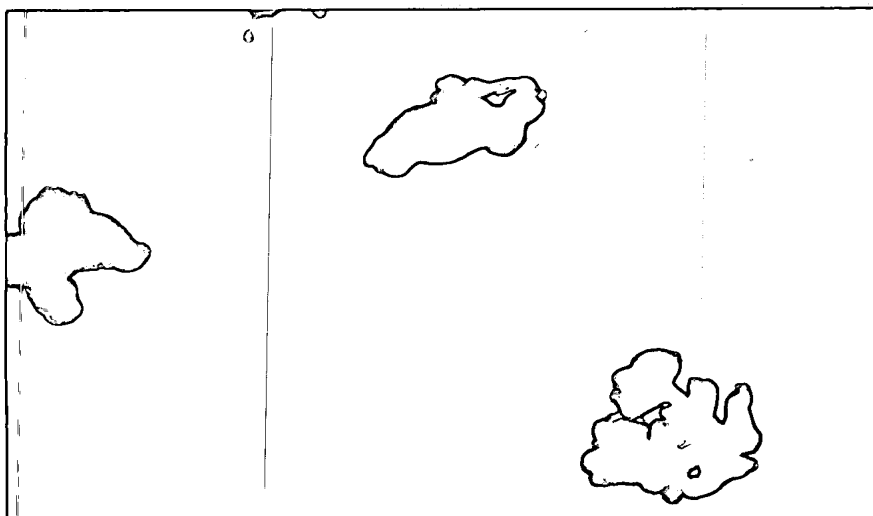


FIG. 2C

APPROVED	O.G. FIG.	
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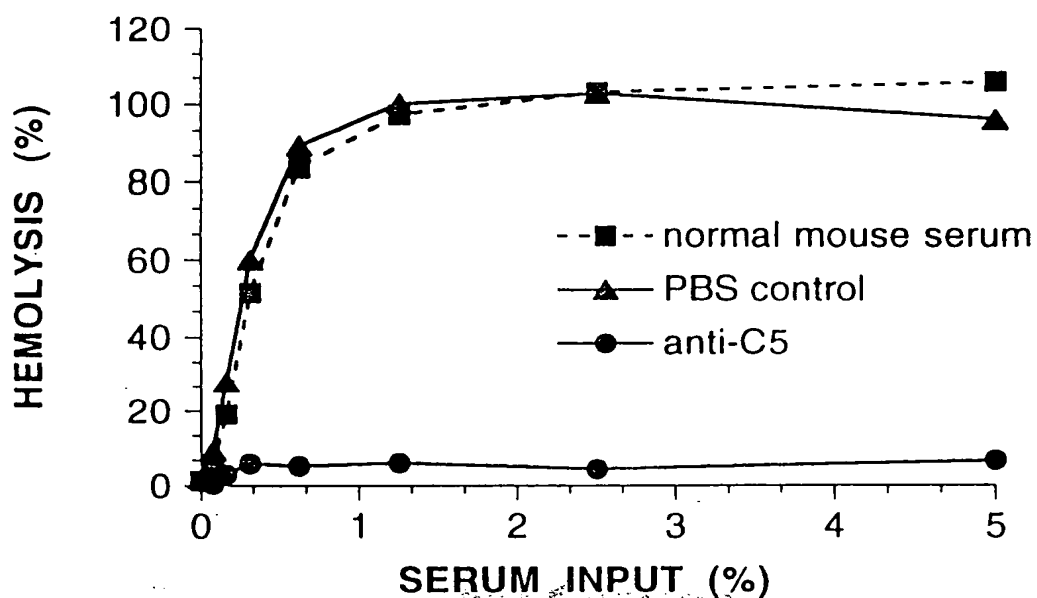


FIG.3

APPROVED	O.G. FIG.	
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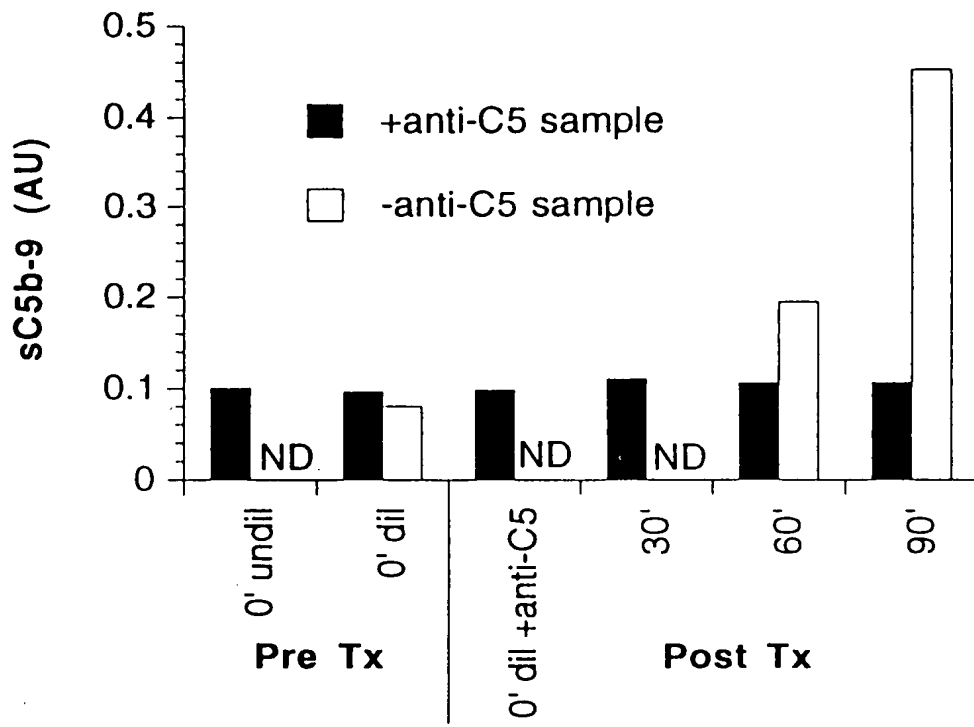


FIG.4

APPROVED	O.G. FIG.	
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FIG.5A

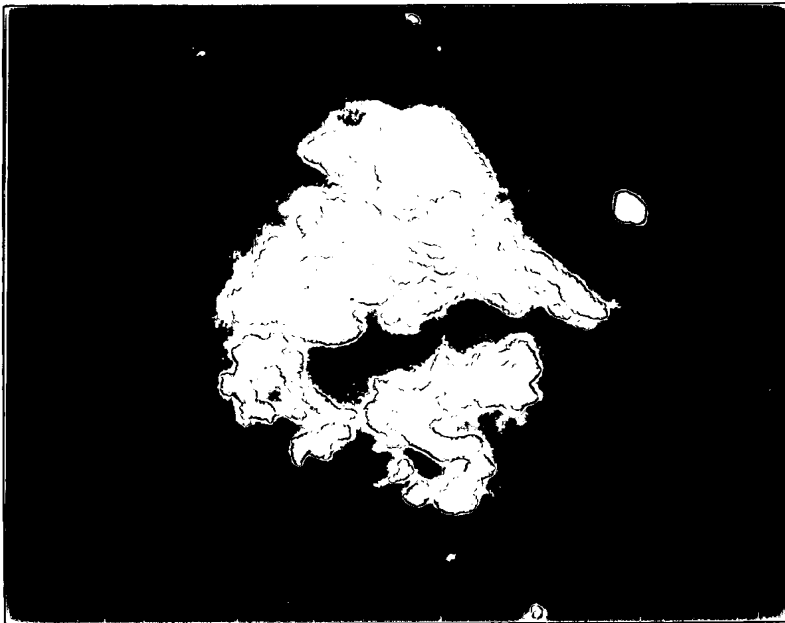


FIG.5B

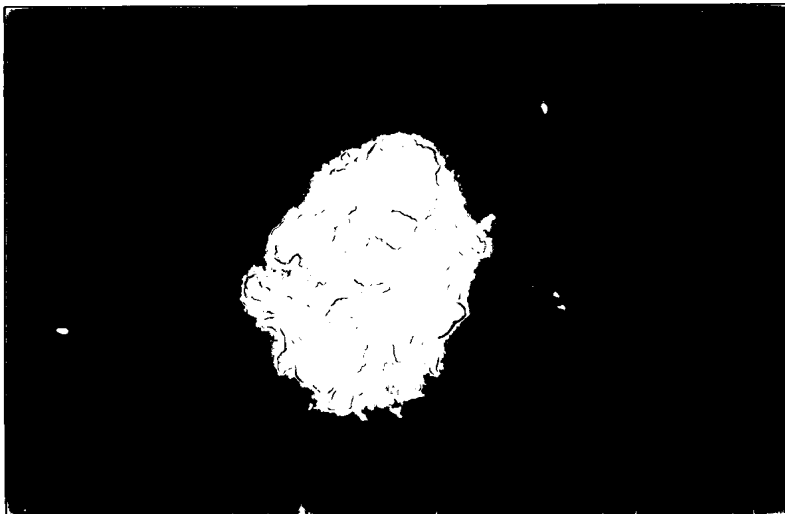
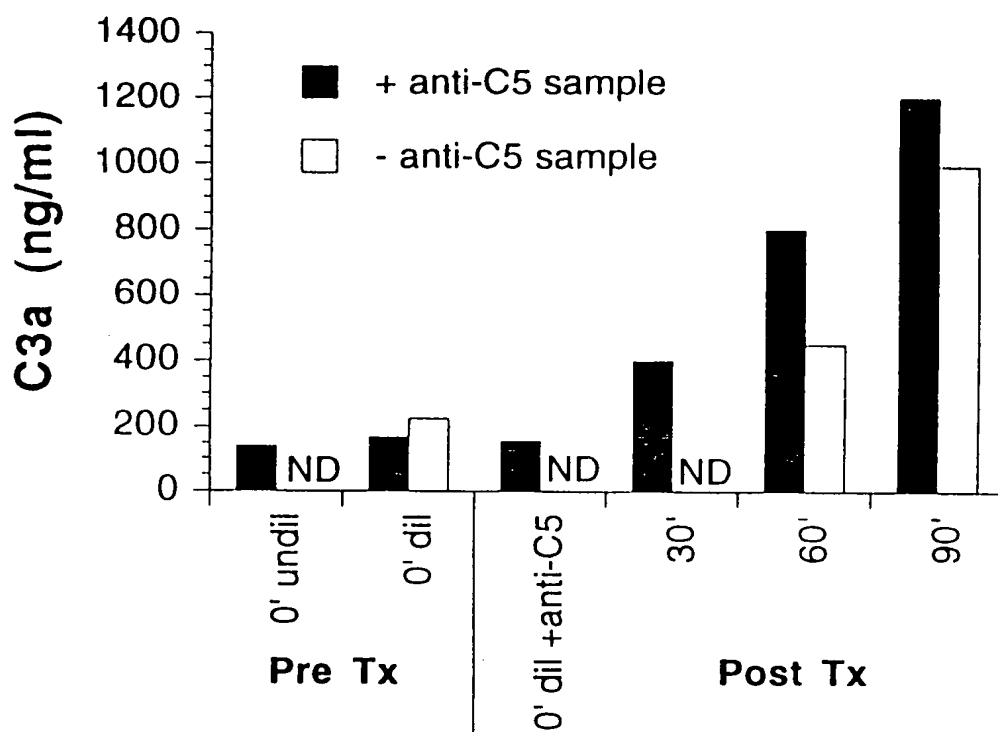


FIG.5C

APPROVED	O.G. FIG.	
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**FIG.6**

APPROVED	O.G. FIG.	
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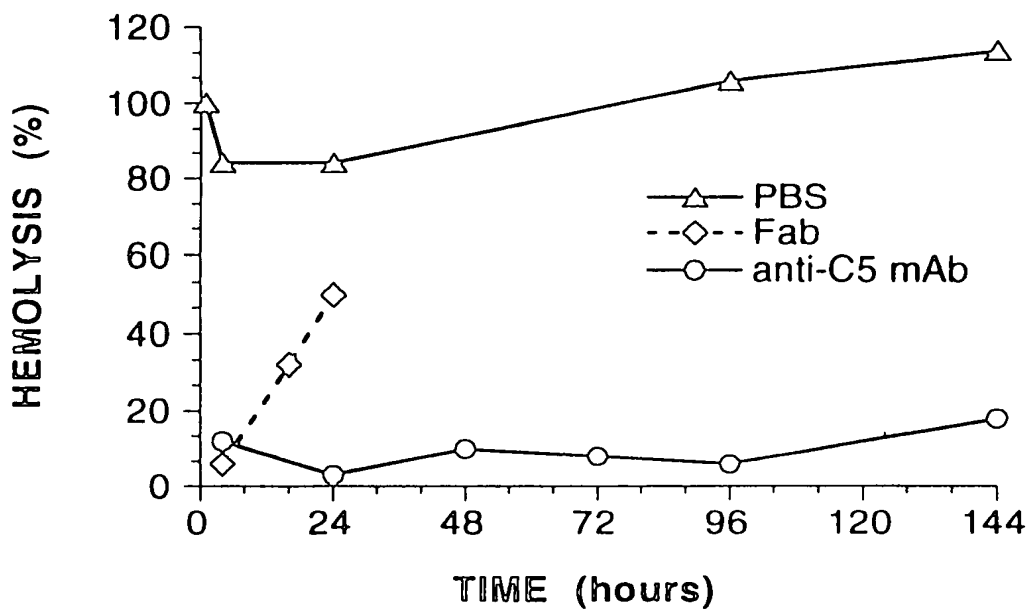


FIG.7A

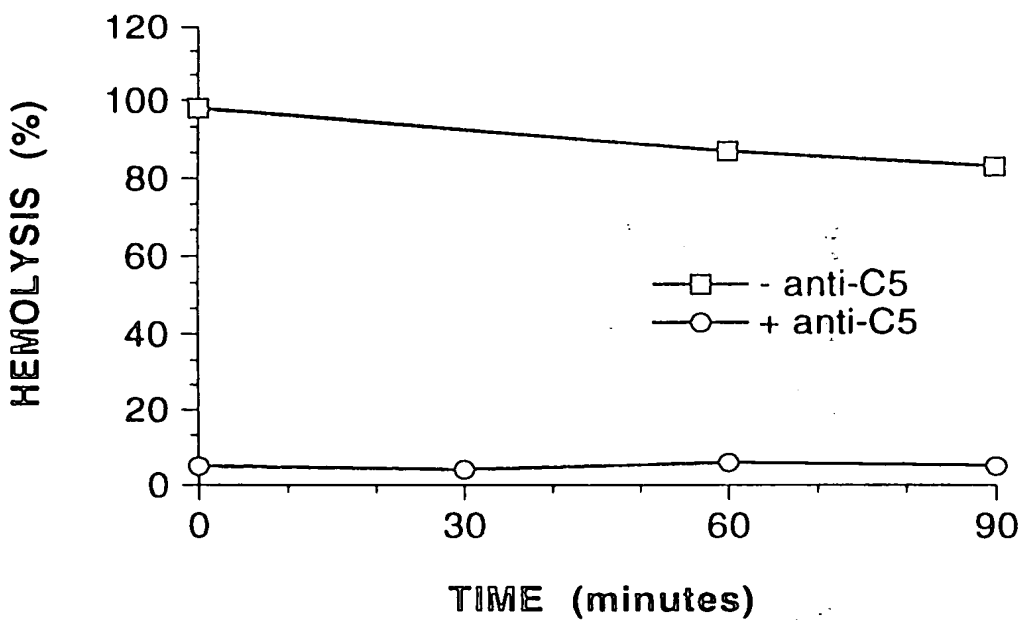


FIG.7B

APPROVED	O.G. FIG.	
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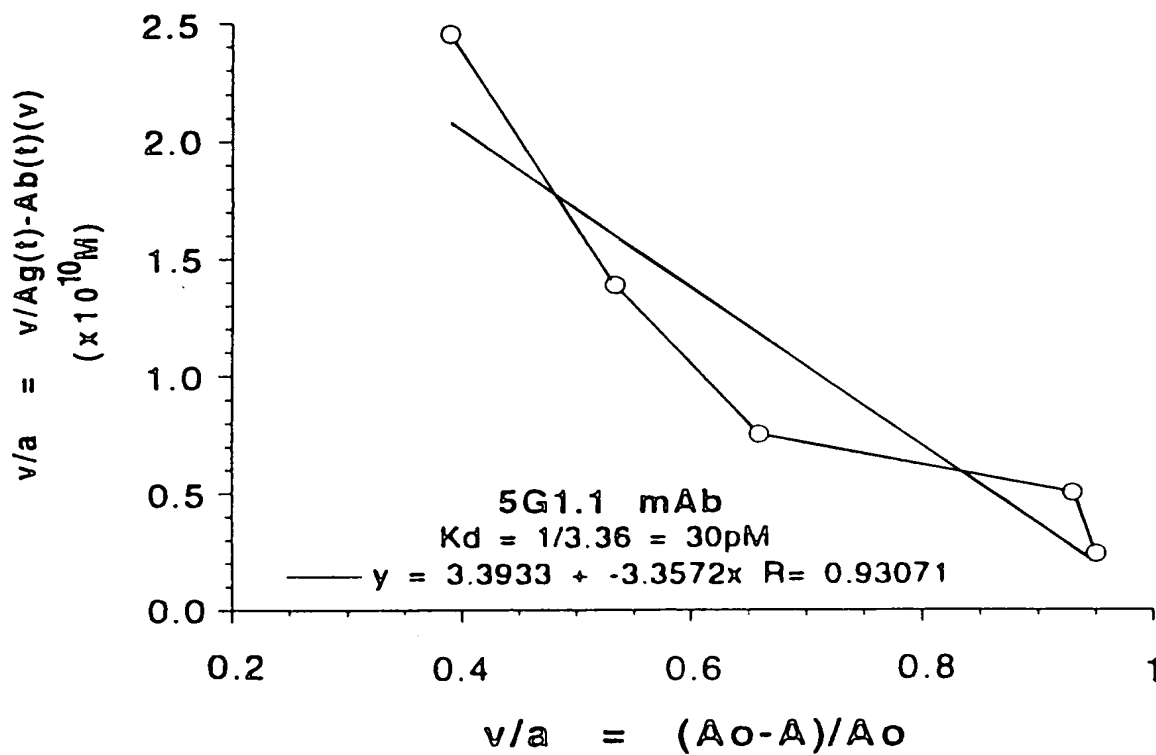


FIG. 8



APPROVED	O.G. FIG.	
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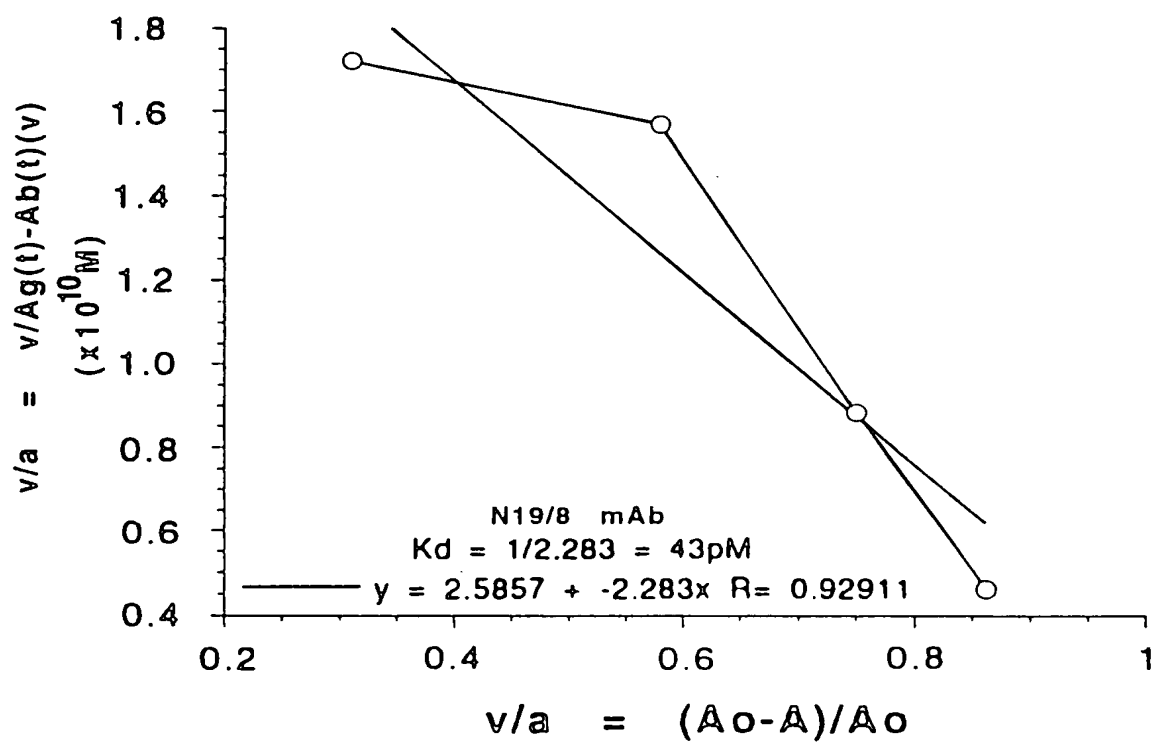


FIG.9

APPROVED	O.G. FIG.	
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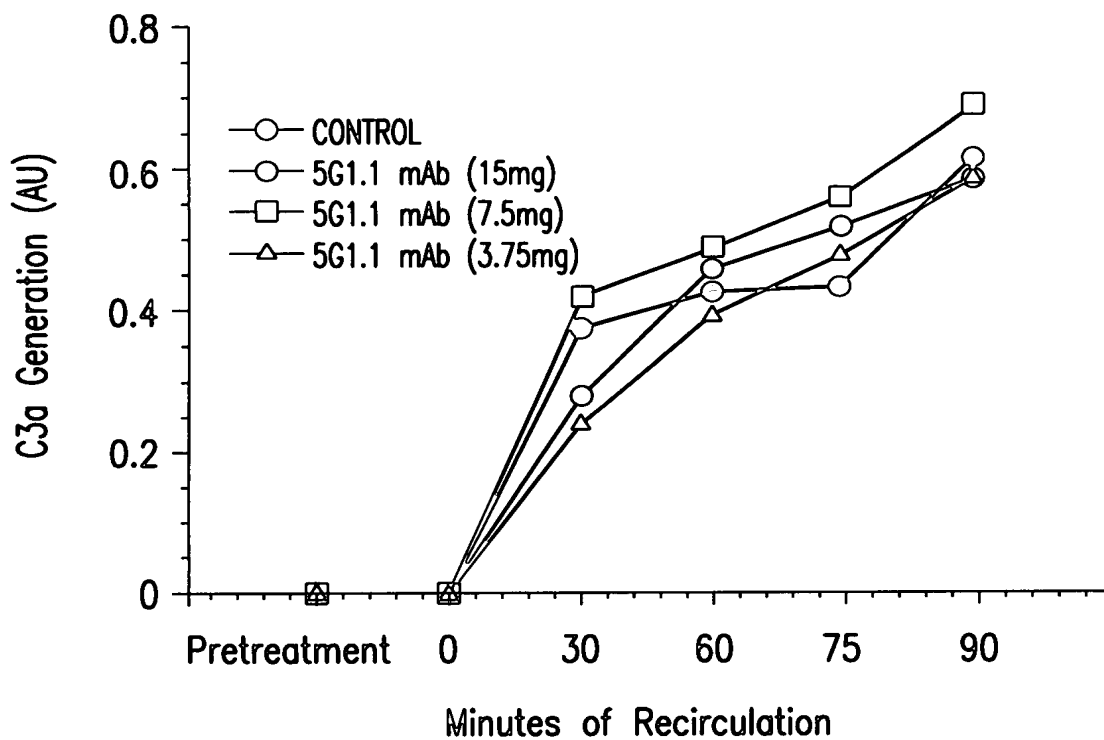


FIG.10

APPROVED	O.G. FIG.	
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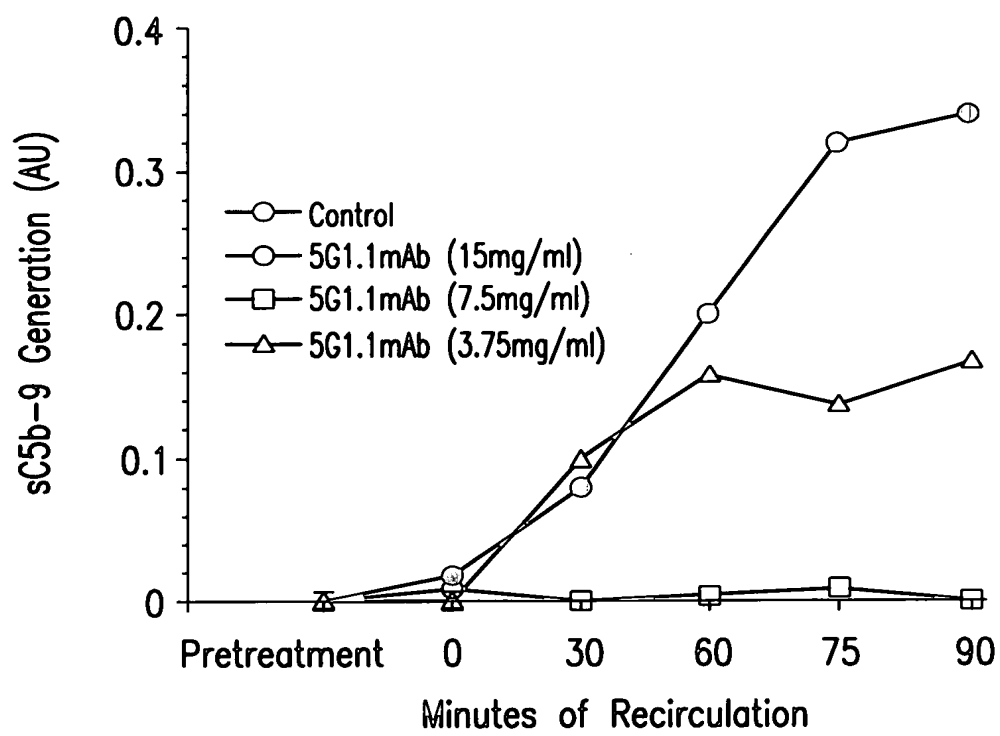


FIG. 11

APPROVED	O.G. FIG.	
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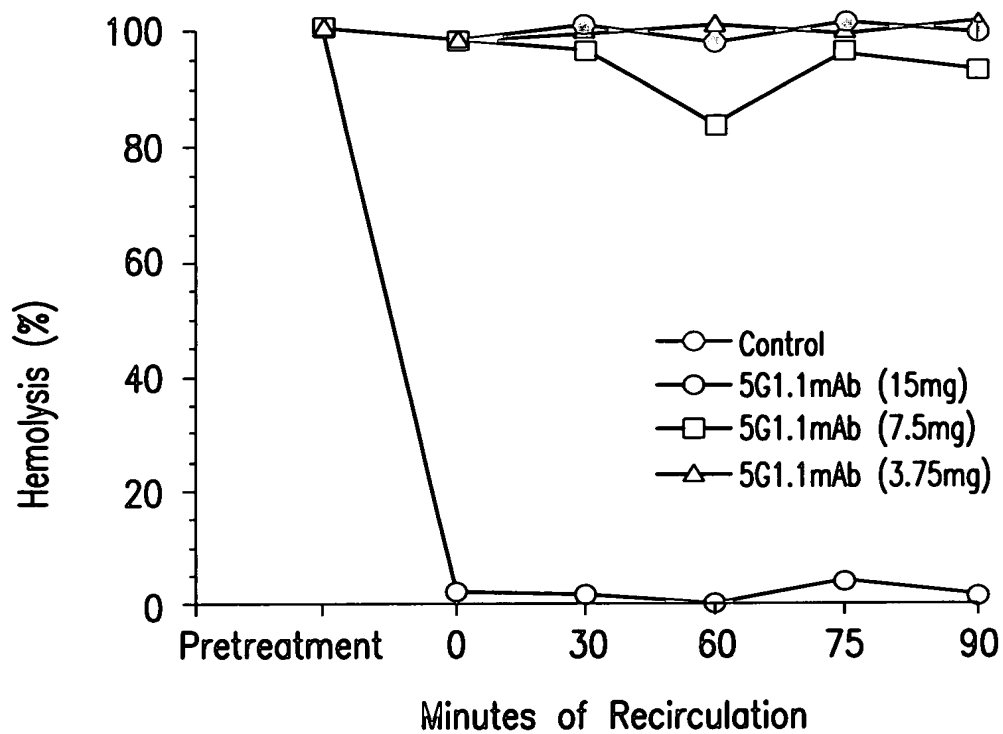


FIG. 12

APPROVED	O.G. FIG.	
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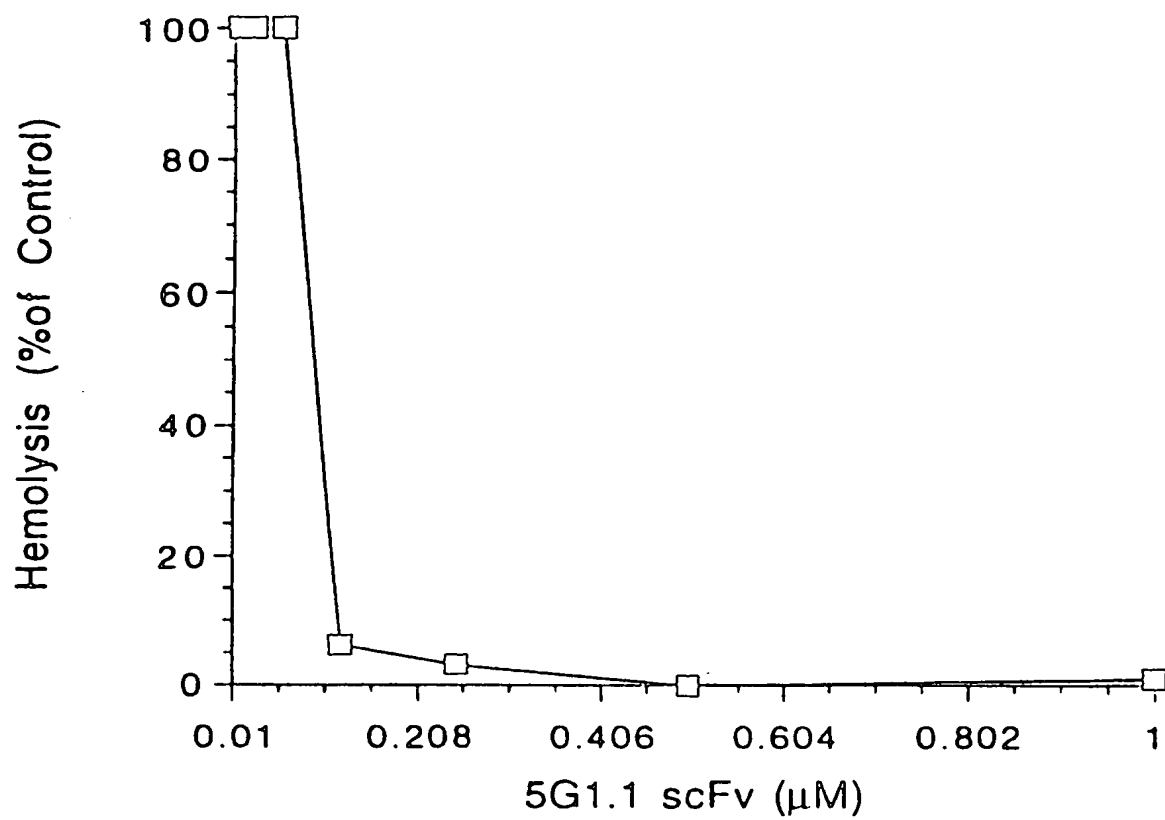


FIG.13

APPROVED	O.G. FIG.	
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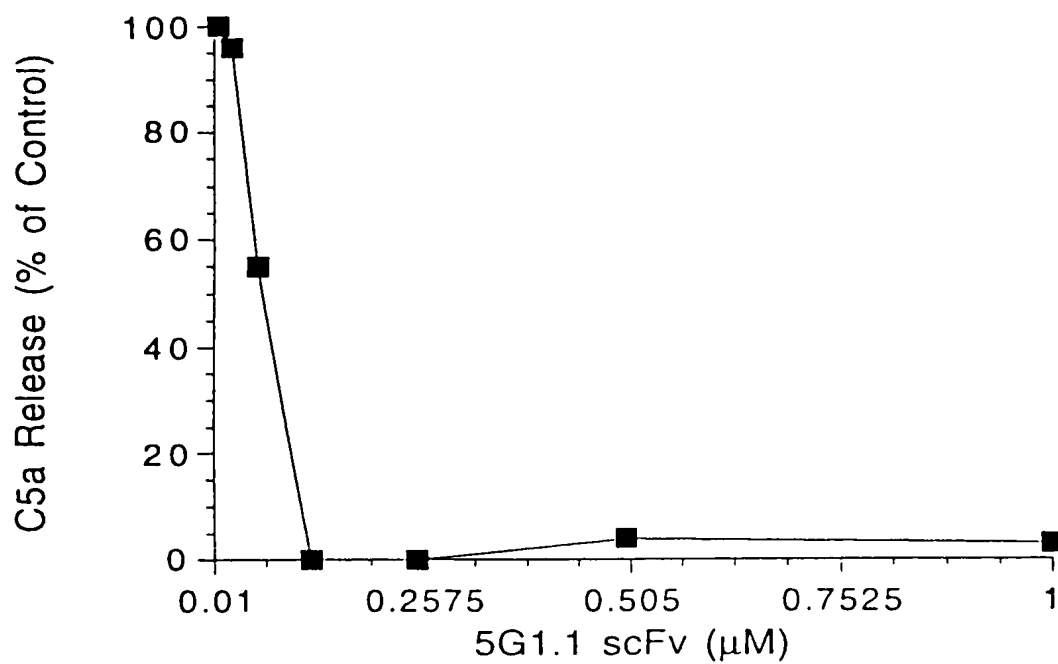


FIG.14

APPROVED	O.G. FIG.	
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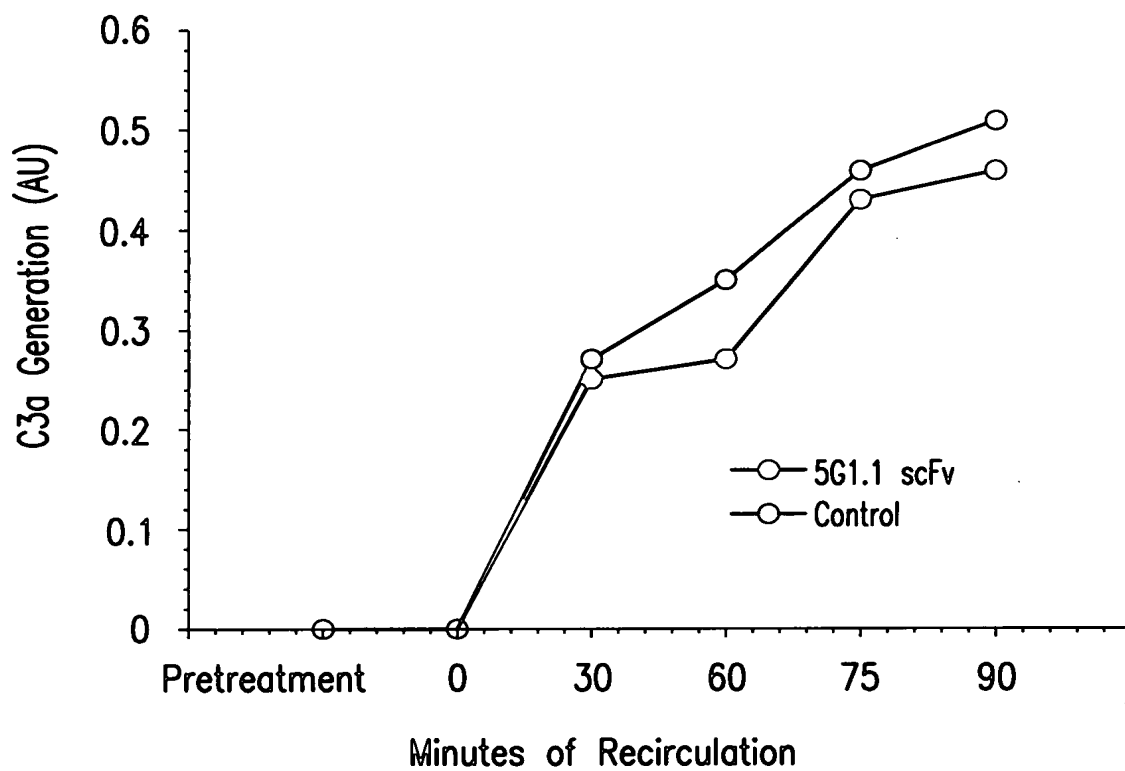


FIG. 15

APPROVED	O.G. FIG.	
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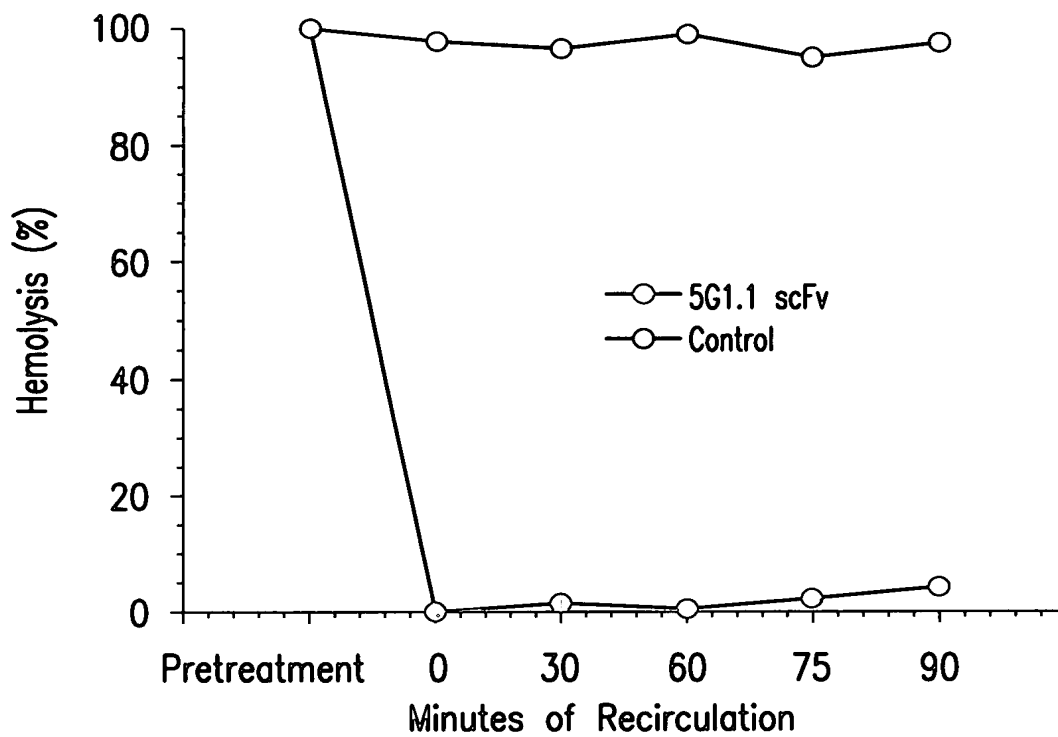


FIG. 16



APPROVED	O.G. FIG.	
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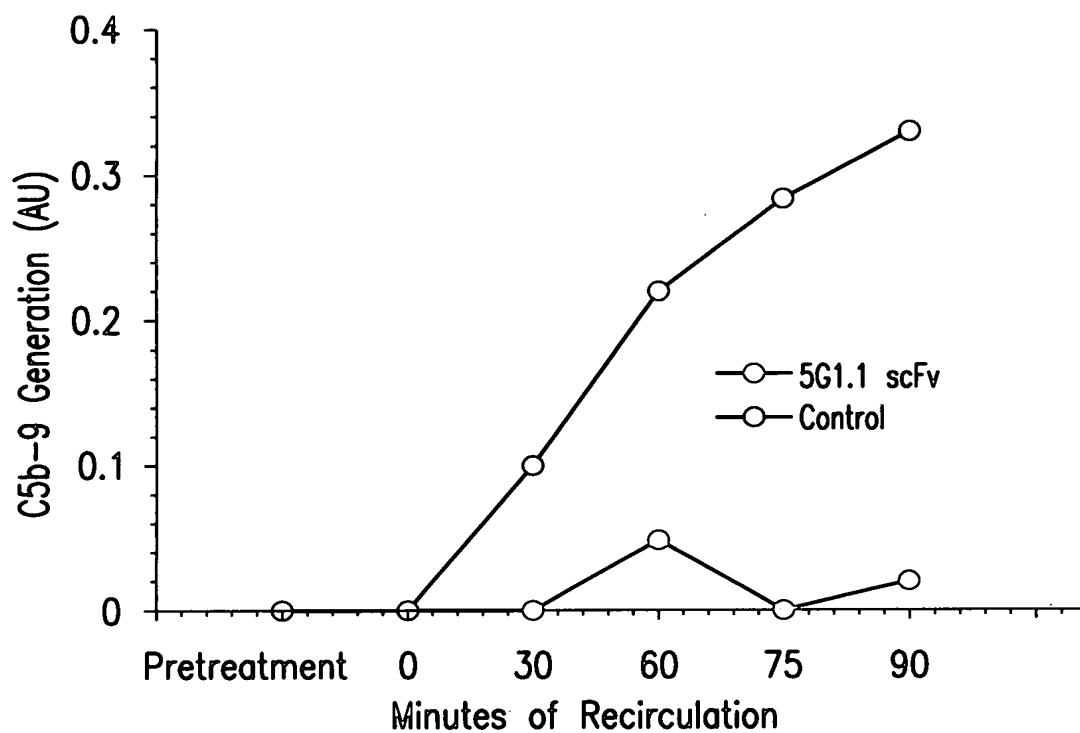


FIG. 17

1 10 20  
GAC ATC CAG ATG ACT CAG TCT CCA GCT TCA CTG TCT GCA TCT GTG GGA GAA ACT GTC ACC  
D I Q M T Q S P A S L S A S V G E T V T

24 30 34 40  
ATC ACA TGT GGA GCA AGT GAG AAT ATT TAC GGT GCT TTA AAT TGG TAT CAG CGG AAA CAG  
I T C G A S E N I Y G A L N W Y Q R K Q

CDR-L1

50 56 60  
GGA AAA TCT CCT CAG CTC CTG ATC TAT GGT GCA ACC AAC TTG GCA GAT GGC ATG TCA TCG  
G K S P Q L L I Y G A T N L A D G M S S

CDR-L2

70 80  
AGG TTC AGT GGC AGT GGA TCT GGT AGA CAG TAT TAT CTC AAG ATC AGT AGC CTG CAT CCT  
R F S G S G S G R Q Y Y L K I S S L H P

89

97 100  
GAC GAT GTT GCA ACG TAT TAC TGT CAA AAT GTG TTA AAT ACT CCT CTC ACG TTC GGT GGT  
D D V A T Y Y C Q N V L N T P L T F G A

CDR-L3

GGG ACC AAG TTG GAG CTG AAA  
G T K L E L K

FIG.18

APPROVED	O.G. FIG.	
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-19  
atg aaa tgg agc tgg gtt att ctc ttc CTC CTG TCA GTA ACT GCA GGT GTC CAC TCC CAG  
M K W S W V I L F L L S V T A G V H S Q

-1 +1  
GTT CAG CTG CAG CAG TCT GGA GCT GAG CTG ATG AAG CCT GGG GCC TCA GTG AAG ATG TCC  
V Q L Q Q S G A E L M K P G A S V K M S

10 20  
TGC AAG GCT ACT GGC TAC ATA TTC AGT AAC TAC TGG ATA CAG TGG ATA AAG CAG AGG CCT  
C K A T G Y I F S N Y W I Q W I K Q R P

26 30 35 40  
GGA CAT GGC CTT GAG TGG ATT GGT GAG ATT TTA CCT GGA AGT GGT TCT ACT GAG TAC ACT  
G H G L E W I G E I L P G S G S T E Y T

50 52a 60  
GAG AAC TTC AAG GAC AAG GCC GCA TTC ACT GCA GAT ACA TCC TCC AAC ACA GCC TAC ATG  
E N F K D K A A F T A D T S S N T A Y M

65 70 80  
CAA CTC AGC AGC CTG ACA TCA GAG GAC TCT GCC GTC TAT TAC TGT GCA AGA TAT TTC TTC  
Q L S S L T S E D S A V Y Y C A R Y F F

82a 82b 82c 90 95  
GGT AGT AGC CCC AAC TGG TAC TTC GAT GTC TGG GGC GCA GGG ACC ACG GTC ACC GTC TCC  
G S S P N W Y F D V W G A G T T V T V S

100 a b c d e 102 110  
TCA S

CDR-H1  
CDR-H2  
CDR-H3

FIG.19